To: Dermer, Michele[Dermer.Michele@epa.gov]

Cc: Robin, George[Robin.George@epa.gov]; Albright, David[Albright.David@epa.gov]

From: Salera, Jerry@DOC **Sent:** Wed 12/4/2013 7:52:14 PM

Subject: RE: Aquifer Exemptions on the website

Hi Michele,

The shape file only shows the areal extent of the hydrocarbon producing zones. I'm still checking whether the shape files also include those additional discovery fields identified in Table 2 of our Primacy document.

For the nonhydrocarbon producing zones applied for, the most of them turned out to be non-USDWs. Some were USDWs and were identified either in Attachments 2 & 3 of the MOA. The non-hydrocarbon formations are not captured in the shape file.

Hope this clarifies your question.

Jerry

From: Dermer, Michele [mailto:Dermer.Michele@epa.gov]

Sent: Wednesday, December 04, 2013 10:41 AM

To: Salera, Jerry@DOC

Cc: Robin, George; Albright, David

Subject: RE: Aquifer Exemptions on the website

One more clarification Jerry. Does this include all the formations that were listed in the primacy application without consideration of whether or not the formation is in fact a USDW, under the federal definition? I recall that many of the formations included in

Volumes I and II under the primacy application were in fact not USDWs and therefore did not need to be exempted. Michele

From: Dermer, Michele

Sent: Tuesday, December 03, 2013 3:55 PM

To: Salera, Jerry@DOC

Cc: Robin, George; Albright, David

Subject: RE: Aquifer Exemptions on the website

Thanks for clarifying Jerry. That was what I understood, but wanted to confirm with you. I will be passing along the link to our HQ folks.

Michele

From: Salera, Jerry@DOC [mailto:Jerry.Salera@conservation.ca.gov]

Sent: Tuesday, December 03, 2013 3:51 PM

To: Dermer, Michele

Cc: Robin, George; Albright, David

Subject: RE: Aquifer Exemptions on the website

Yes, these are productive limits of the producing zones and not the non-hydrocarbon zones.

Jerry

From: Dermer, Michele [mailto:Dermer.Michele@epa.gov]

Sent: Tuesday, December 03, 2013 2:11 PM

To: Salera, Jerry@DOC

Cc: Robin, George; Albright, David

Subject: RE: Aquifer Exemptions on the website

Thank you Jerry. I am unable to open the file but since you have represented that this file includes all the approved exempt aquifers in CA, I can forward it to our HQ office so they can cross check it with the data tracking sheet they have.

Just a clarification first - I am assuming this file includes all the exempt aquifers that are associated with producing zones, but not the non hydrocarbon bearing zones – would that be correct?

Michele

From: Salera, Jerry@DOC [mailto:Jerry.Salera@conservation.ca.gov]

Sent: Tuesday, December 03, 2013 11:47 AM

To: Dermer, Michele

Cc: Robin, George; Albright, David

Subject: RE: Aquifer Exemptions on the website

Hi Michele,

The shape files are located in Online Data (link at the top of the page) under GIS Mapping. The link to the shape files is "1973and1974ProductiveLimits".

Please see the screen garb shots below.

Best regards,

Jerry Salera

Underground Injection Control (UIC) Program

CA Division of Oil, Gas and Geothermal Resources

801 K Street, MS 20-20

Sacramento, CA 95814

Tel: 916-323-1781

Fax: 916-323-0424

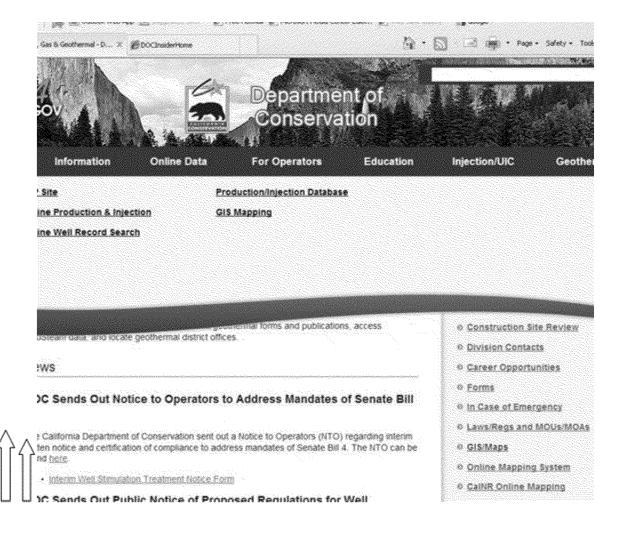
Jerry.Salera@conservation.ca.gov

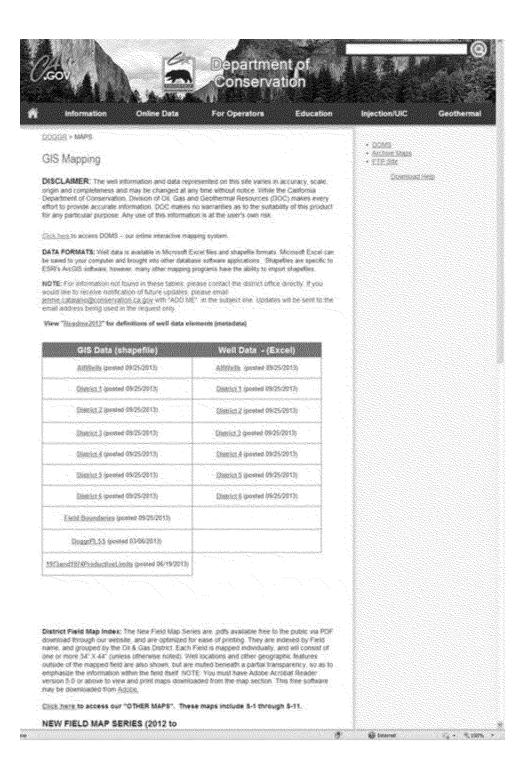
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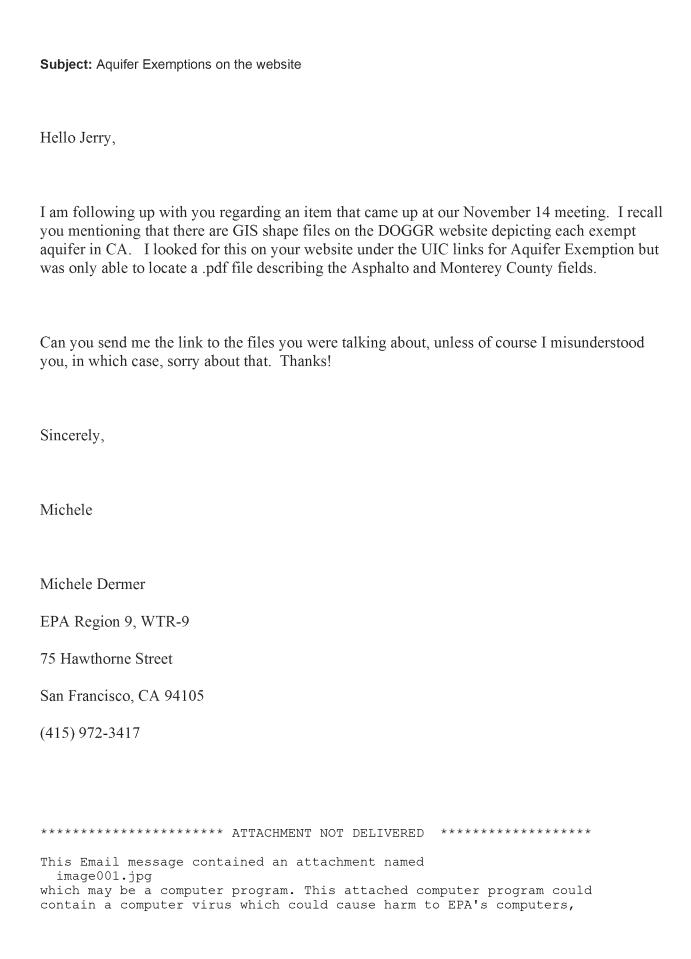


From: Dermer, Michele [mailto:Dermer.Michele@epa.gov]

Sent: Tuesday, December 03, 2013 11:19 AM

To: Salera, Jerry@DOC

Cc: Robin, George; Albright, David



network, and data. The attachment has been deleted.

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